

U.S. Application No. 10/657,406 Examiner Smith, Art Unit 3672
Response to December 20, 2004 Office Action

LISTING OF CLAIMS

1. (Currently Amended) An auger bit for an auger, the auger for boring a hole, the auger bit comprising:

an outer blade, the outer blade comprising an outer ring and an inner hub, the outer ring having an array of circumferentially-spaced teeth along the outer ring, with each tooth fixed to the outer ring, the inner hub substantially concentric to the outer ring, the inner hub inwardly spaced from the outer ring by an array of inner spokes, each spoke in the array of inner spokes having a bladed portion for removing material;

a center bit inserted into the inner hub, the center bit comprising a drill bit-shaped tip, a toothed cone, and a shaft, the drill bit-shaped tip, the toothed cone, and the shaft all concentrically aligned with the outer ring and with the inner hub, the toothed cone having at least one blade outwardly protruding from a conical portion, the blade having an edge, and the shaft inserting into the inner hub to center the center bit with the outer ring and with the inner hub,

wherein the drill bit-shaped tip centers the auger bit, the array of circumferentially-spaced teeth for moving soil and cutting roots, and the at least one blade outwardly protruding from the toothed cone also for moving soil and cutting roots.

2. (Original) An auger bit according to claim 1, wherein the array of circumferentially-spaced teeth are equally spaced along the outer ring.
3. (Original) An auger bit according to claim 1, wherein the array of circumferentially-spaced teeth are randomly spaced along the outer ring.